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AMENDMENTS TO THE CLAIMS

1. (Currently amended) A method comprising:

determining whether a computer is partitioned into a plurality of logical partitions;

if the computer is partitioned into the plurality of logical partitions, collecting a plurality of first performance metrics in a sampling interval for the plurality of respective logical partitions of the computer and collecting a plurality of second performance metrics for a plurality of respective jobs in a first partition of the plurality of logical partitions in the computer, wherein the plurality of first performance metrics and the plurality of second performance metrics are not collected if the computer is not partitioned into the plurality of logical partitions;

reporting a plurality of differences between the plurality of first performance metrics for the plurality of respective logical partitions and a plurality of expected performance metrics for the plurality of respective logical partitions, wherein the plurality of expected performance metrics are expected to occur when the respective partition is an only partition executing in the computer, wherein the reporting the plurality of differences between the plurality of first performance metrics for the plurality of respective logical partitions and the plurality of expected performance metrics for the plurality of respective logical partitions further comprises displaying data on a video display;

calculating a plurality of degradations between the plurality of respective second performance metrics for the plurality of respective jobs and a plurality of anticipated performance metrics for the plurality of respective jobs in the first partition, wherein the plurality of anticipated performance metrics are expected to occur when no other jobs are executing, and wherein the plurality of anticipated performance metrics are associated with a plurality of respective types of the plurality of respective jobs;

summing the plurality of degradations into a total degradation for the plurality of the jobs in the first partition;

reporting the total degradation for the plurality of the jobs in the first partition;

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determining whether the total degradation for the plurality of the jobs in the first partition exceeds a threshold; and

if the total degradation for the plurality of the jobs in the first partition exceeds the threshold, shutting down a second partition of the plurality of logical partitions in the computer.

~~collecting a performance metric of a first partition in a logically partitioned computer; and~~

~~determining whether a difference between the performance metric and an expected performance metric exceeds a threshold, wherein the expected performance metric occurs when the first partition is an only partition in the logically partitioned computer.~~

2. (Currently amended) The method of claim 1, wherein the plurality of first performance metrics comprise metric comprises an average number of cycles per instruction for the respective first partition during the sampling interval ~~an interval~~.

3. (Currently amended) The method of claim 1, wherein the plurality of first performance metrics comprise metric comprises processor utilization for the respective partition during the sampling interval.

4. (Currently amended) The method of claim 1, wherein the determining whether the total degradation for the plurality of the jobs in the first partition exceeds the threshold is periodically performed, further comprising:

~~shutting down a second partition in the logically partitioned computer if the determining is true.~~

Claims 5-15 (Canceled)

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16. (Currently amended) A method of configuring a computer, comprising: ~~logically-partitioned computer, wherein the method comprises:~~

configuring the computer to determine whether a computer is partitioned into a plurality of logical partitions;

configuring the computer to, if the computer is partitioned into the plurality of logical partitions, collect a plurality of first performance metrics in a sampling interval for the plurality of respective logical partitions of the computer and collect a plurality of second performance metrics for a plurality of respective jobs in a first partition of the plurality of logical partitions in the computer, wherein the plurality of first performance metrics and the plurality of second performance metrics are not collected if the computer is not partitioned into the plurality of logical partitions;

configuring the computer to report a plurality of differences between the plurality of first performance metrics for the plurality of respective logical partitions and a plurality of expected performance metrics for the plurality of respective logical partitions, wherein the plurality of expected performance metrics are expected to occur when the respective partition is an only partition executing in the computer, wherein the configuring the computer to report the plurality of differences between the plurality of first performance metrics for the plurality of respective logical partitions and the plurality of expected performance metrics for the plurality of respective logical partitions further comprises configuring the computer to display data via a video display;

configuring the computer to calculate a plurality of degradations between the plurality of respective second performance metrics for the plurality of respective jobs and a plurality of anticipated performance metrics for the plurality of respective jobs in the first partition, wherein the plurality of anticipated performance metrics are expected to occur when no other jobs are executing, and wherein the plurality of anticipated performance metrics are associated with a plurality of respective types of the plurality of respective jobs;

configuring the computer to sum the plurality of degradations into a total degradation for the plurality of the jobs in the first partition;

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configuring the computer to report the total degradation for the plurality of the jobs in the first partition;

configuring the computer to determine whether the total degradation for the plurality of the jobs in the first partition exceeds a threshold; and

configuring the computer to, if the total degradation for the plurality of the jobs in the first partition exceeds the threshold, shut down a second partition of the plurality of logical partitions in the computer, configuring the computer to collect a performance metric of a first partition; and

configuring the computer to determine whether a difference between the performance metric and an expected performance metric exceeds a threshold, wherein the expected performance metric occurs when the first partition is an only partition in the logically partitioned computer.

17. (Currently amended) The method of claim 16, wherein the plurality of first performance metrics comprises~~metric comprises~~ an average number of cycles per instruction for the respective first partition during the sampling interval~~an interval~~.

18. (Currently amended) The method of claim 16, wherein the plurality of first performance metrics comprises~~metric comprises~~ processor utilization for the respective partition during the sampling interval.

19. (Currently amended) The method of claim 16, wherein the configuring the computer to determine whether the total degradation for the plurality of the jobs in the first partition exceeds the threshold is periodically performed, further comprising:

configuring the computer to shut down a second partition if the determining is true.

20. (Canceled)

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